IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 2661 Ghosh et al. Group Art Unit: Application No.: 09/742,905 Examiner: Unknown 12/20/2000 Confirmation No.: Unknown Date Filed: Title: MULTI-CHANNEL STOP AND WAIT ARQ COMMUNICATION METHOD AND APPARATUS CERTIFICATE OF MAILING I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER FOR PATENTS, P.O. Box 1450 ALEXANDRIA, VA, 22313-1450 ON:_ 30, 2004 March Date of Deposit MOTOROLA INC Name of Assignee APR 0 5 2004 Technology Center 2500 INFORMATION DISCLOSURE STATEMENT (IDS) Commissioner For Patents Alexandria, VA 22313 SIR: In accordance with 37 C.F.R. §1.56 and in compliance with 37 C.F.R. §§1.97 and 1.98, the references listed on attached Form PTO/SB/08 and/or subsequently identified herein, are for consideration by the United States Patent and Trademark Office. Pursuant to the Office waiving the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC §371 after June 30, 2003, copies of the reference are not submitted herewith. I. **COPIES** a. 🖂 A legible copy of (i) each U.S. and foreign patents; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed, is included b. □ Any patents, publications or other information which are listed on PTO/SB/08 which are not enclosed herewith were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. §120: U.S. Filing Date U.S. Serial Number CONCISE EXPLANATION OF THE RELEVANCE (check at least one box) II. Except as may be indicated below in (b) of this section, all of the patents, publications or other a. 🔯 information are in the English language (concise explanation not required). A concise explanation of the relevance of all patents, publications or other information listed that is b. 🔲 not in the English language is as follows: c. 🗌 The following additional information is provided for the Examiner's consideration:

III. CROSS REFERENCE TO RELATED APPLICATION(S)

The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this (these) applications to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. §122.

Serial No.

Filing Date

Art Unit

FEES

IV. 🛚	THIS II a. □ b. □ c. ⋈ d. □	os is being filed under \$ 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required. within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required. before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required. before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
V. 🗌	before t	DS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box) the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance under R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. §1.97(c)). No statement; therefore, charge deposit account 50-2117 the fee set forth in 37 C.F.R. §1.17(p). See the statement below. No fee is required.
VI.		OS IS BEING FILED UNDER 37 C.F.R. §1.97(d): fore payment of the issue fee and is accompanied by the following: a statement under 37 C.F.R. §1.97(e) as provided below; and charge deposit account 50-2117 the petition fee set forth in §1.17(p).
VII. 🗀		MENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable) lersigned hereby states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.
VIII.	PAYMI	A check in the amount of is enclosed for the above-identified fee(s). Please charge Deposit Account 50-2117 in the amount of \$180.00 for the above-indicated fee(s). If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 50-2117. Two Copies of this paper are attached for Deposit Account charges and debits.

The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-2117.

Respectfully submitted, Ghosh et al.

Attorney for Applicant(s) Reg. No. 39,427 Tel. 847-538-5855

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Enclosures:

Information Disclosure Statement by Applicant

References

Foreign Search Report

Other:



Sheet

(use as many sheets as necessary)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of

 Complete if Known

 Application Number
 09/742,905

 Filing Date
 12/20/2000

 First Named Inventor
 Ghosh et al.

 Group Art Unit
 2661

 Examiner Name
 Unknown

 Attorney Docket Number
 CE08950R

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant
		Number	Kind Code ² (if known)	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. 1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6		
-		WO 99/09698 A	02/25/1999	Ericsson Telefon AB L M				

		NON PATENT LITERATURE DOCUMENTS	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		HUI HUANG ETAL.: "A wireless ATM MAC protocol with combined hybrid ARQ and adaptive scheduling", VEHICULAR TECHNOLOGY CONFERENCE, 1999. VTC 1999-FALL. IEEE VTS 50 TH AMSTERDAM, NETHERLANDS 19-22 SEPT. 1999, PISCATAWAY, NJ. USA, IEEE, US. 19 September 1999, pages 1720-1724.	
		WICKER S B ET AL.: "TYPE-II HYBRID-ARQ PROTOCOLS USING PUNCTURED MDS CODES", IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE INC. NEW YORK, US. Vol. 42, no. 2/3/4, 1 February 1994, pages 1431-1440.	
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Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation, if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.